

FILE NOTATIONS

Entered in NID File ✓.....
Location Map Pinned ✓.....
Card Indexed ✓.....

Checked by Chief
Approval Letter
Disapproval Letter

COMPLETION DATA:

Date Well Completed 10/7/78

Location Inspected

..... WW..... TA.....

Bond release

SIGW ✓..... SS..... PA.....

State or Fee Land

LOGS FILED

Driller's Log..... ✓

Electric Logs (No.)

E..... I..... Dual I Lat..... GR-N..... Micro.....

BHC Sonic GR..... Lat..... MI-L..... Sonic.....

CBLog..... CCLog..... Others.....

Dyco Petroleum Corporation



420 NBT BUILDING
320 SOUTH BOSTON
TULSA, OKLAHOMA 74103
AREA 918/587-2181

September 7, 1978

OC - #2 P/A

State of Utah
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

Attn: Patrick Driscoll

Re: Cisco Federal #2-A
Sec. 10-20S-21E
Grand Co., Utah



Dear Mr. Driscoll:

Enclosed please find in triplicate our Application for Permit to Drill, Deepen, or Plug Back, our Sundry Notice and Report on Wells, plugging and cementing reports covering the above captioned well.

A copy of our Application for Permit to Drill and Sundry Notice Report for the U.S.G.S is also attached for your files.

If you have any questions, please do not hesitate to contact this office.

Yours very truly,

DYCO PETROLEUM CORPORATION

Ann Goad

Ann Goad
Drilling Department

ag
Enclosures

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS

5. Lease Designation and Serial No.

U-38359

6. If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

7. Unit Agreement Name

b. Type of Well

Oil
Well ☒

or

Gas
Well ☒

Other

Single
Zone ☐Multiple
Zone ☐

8. Farm or Lease Name

Cisco - Federal

2. Name of Operator

Dyco Petroleum Corporation

9. Well No.

2-A

3. Address of Operator

420 NBT Bldg., 320 S. Boston, Tulsa, Oklahoma 74103

10. Field and Pool, or Wildcat

Cisco Dome

4. Location of Well (Report location clearly and in accordance with any State requirements.*)

At surface

2,100 FN & 1890 FE

SW NE

At proposed prod. zone

N/A

11. Sec., T., R., M., or Blk.
and Survey or Area

Sec. 10-T20S-R21E

14. Distance in miles and direction from nearest town or post office*

18.8 N-NW of Cisco, Utah

12. County or Parrish

Grand

13. State

Utah

15. Distance from proposed*

location to nearest
property or lease line, ft.
(Also to nearest drlg. line, if any)

1890'

16. No. of acres in lease

120

17. No. of acres assigned
to this well

40

18. Distance from proposed location*
to nearest well, drilling, completed,
or applied for, on this lease, ft.

1320 ± South

19. Proposed depth

3500

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

5484' Ground

22. Approx. date work will start*

August 24, 1978

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12 $\frac{1}{4}$ "	8-5/8	24	350	To Surface
4 $\frac{1}{2}$ "	4 $\frac{1}{2}$ "	10.5	3500	Across Pay

1. Drill 12 $\frac{1}{4}$ " hole to \pm 350', set 8-5/8" csg, cement to surface.
2. Drill 7-7/8" hole to 3500'.
3. Run 4 $\frac{1}{2}$ " csg if productive.
4. P&A per U.S.G.S. instructions if dry hole.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: 10-4-78

BY: C.B. Light

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

Charles L. Simons

Title

Area Engineer

Date 8/23/78

(This space for Federal or State office use)

Permit No.

Approval Date

Approved by

Title

Date

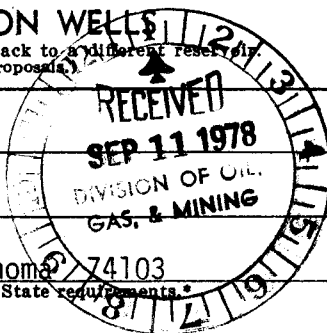
Conditions of approval, if any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-38359	
2. NAME OF OPERATOR Dyco Petroleum Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 420 NBT Bldg., 320 S. Boston, Tulsa, Oklahoma 74103		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2050' FN & 1890' FE		8. FARM OR LEASE NAME Cisco - Federal	
		9. WELL NO. 2	
		10. FIELD AND POOL, OR WILDCAT Cisco Dome	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10-T20S-R21E	
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GN, etc.) 5484 Ground	12. COUNTY OR PARISH Grand	13. STATE Utah



16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) plugging ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Drilled to - 309'

Following is a re-cap of our conversation 11:00 am DST, Friday, August 18, 1978: On Wednesday, August 16, @ about 11:15 am, a twist off occurred while drilling Cisco #2 @ 3009' w/air. Drill pipe was pulled and twist off was just below a tool joint of 1260'. An overshot fishing tool w/4½" grapples was run on the drill pipe and a latch-on made. However, on a 60,000# pull the tool would slip off the 4½" pipe. A trip was made and in going back in the hole with an overshot with 4-3/8" grapple, a connection was not made up and 570' of drill pipe was dripped in a dry hole, with the top of fish No. 2 @ 690'. Drill pipe was made up and tagged top of fish and screwed in. 270' of the second fish was recovered with the new top at 960'. A trip with a milling tool was made, followed by three trips, one with an overshot, one with a taper tap and one again with an overshot.

The contractor proceeded to plug the hole and skid the rig after a diligent attempt had been made to recover the drill pipe. A procedure was outlined by your office and work was performed by Dowell Cementing Company and Uranium Exploration Drilling Company as follows:

After a phone conversation between your office and Mr. John Keel with Uranium Exploration, it was agreed to pump 150 sacks of cement into the hole, followed by drilling mud. The amount of cement exceeded the volume required to fill the hole and cover the 2400 ft. interval. Next a plug was set at 960', with a 150 ft. plug, followed by a (over)

18. I hereby certify that the foregoing is true and correct

SIGNED Charles L. Simon TITLE Area Engineer DATE 8/23/78

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

100 ft. plug from 400 ft. to 300 ft. (surface pipe set @ 380').
A 10 sack plug was set at the surface.

The above procedure was followed, and attached hereto are substantiating reports, which are presented as part of this report, for your files.

After a slight delay to assemble replacement equipment, drilling is now scheduled for the replacement well No. 2-A, to commence on September 8, 1978.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION1688 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
533-5771State Lease No. _____
Federal Lease No. U-38359
Indian Lease No. _____
Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Grand FIELD/LEASE Cisco Dome/Fed. #2The following is a correct report of operations and production (including drilling and producing wells) for the month of:
September, 19 78.Agent's Address _____ Company Dyco Petroleum Corporation
320 S. Boston, Suite 420 Signed Ronald L. Wade, Jr.
Tulsa, Oklahoma 74103 Title Production Administrator
Phone No. (918) 587-2181

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (in thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
2050' FNL 1890' FEL Sec. 10	20S	21E	2	0			Spudded 9/14/78.		WOCU as of 10/14/78	

GAS: (MCF)

Sold 0
Flared/Vented 0
Used On/Off Lease 0

OIL or CONDENSATE: (To be reported in Barrels)

On hand at beginning of month 0
Produced during month 0
Sold during month 0
Unavoidably lost 0
Reason: 0
On hand at end of month 0

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. THIS REPORT MUST BE FILED

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: Oct. 4-

Operator: Dyes Petroleum

Well No: Cisco Federal 2-A

Location: Sec. 10 T. 20S R. 21E County: Grand

File Prepared: ☒

Entered on N.I.D.: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number: 43-019-30471

CHECKED BY:

Administrative Assistant: SW

Remarks: OK - well # 2, plugged & abandoned

Petroleum Engineer: OK

Remarks:

Director: 7

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. _____

Surface Casing Change ☐
to _____

Rule C-3(c), Topographic exception/company owns or controls acreage
within a 660' radius of proposed site ☐

O.K. Rule C-3 ☐

O.K. In _____ Unit

Other:

☐ Letter Written/Approved

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE

(See instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

7

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____				5. LEASE DESIGNATION AND SERIAL NO. U-38359	
2. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____	
3. NAME OF OPERATOR Dyco Petroleum Corporation				7. UNIT AGREEMENT NAME _____	
4. ADDRESS OF OPERATOR 320 S. Boston, Suite 420, Tulsa, Oklahoma 74103				8. FARM OR LEASE NAME Cisco-Federal	
5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2100' FNL & 1890' FEL Of Sec. 10-20S-21E, SW NE At top prod. interval reported below Same At total depth Same				9. WELL NO. 2-A	
14. PERMIT NO. 43-019-NA-30471				10. FIELD AND POOL, OR WILDCAT Cisco Dome	
DATE ISSUED Sept. 21, 78				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 10-T20S-R21E	
12. COUNTY OR XXXXXX Grand		13. STATE Utah			
15. DATE SPUDDED 8-6-78	16. DATE T.D. REACHED 10-7-78	17. DATE COMPL. (Ready to prod.) SI-Waiting on pipeline	18. ELEVATIONS (DF, RER, RT, GR, ETC.)* 5485' Ground	19. ELEV. CASINGHEAD -----	
20. TOTAL DEPTH, MD & TVD 3292'	21. PLUG, BACK T.D., MD & TVD 2950'	22. IF MULTIPLE COMPL., HOW MANY* No	23. INTERVALS DRILLED BY →	ROTARY TOOLS 0'-3292'	CABLE TOOLS ---
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2676'-2825' Dakota Sand (Gas)				25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN CBL & GR Neutron				27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48	27'	14-3/4	5 sks	NA
8-5/8"	24	384'	11"	225 sks	NA
4 1/2"	10.5	3272'	7-7/8"	330 sks Class "G"	NA
29. LINER RECORD NA			30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
				2-3/8"	2608
					2608
31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
2676'-97' 2-14 gm glass jets per foot			DEPTH INTERVAL (MD)		
2702'-08' " " "			2676'-2708' 2000 gals 7 1/2% acid		
2769'-79' " " "			2769'-2803' 500 gals 7 1/2% acid		
2800'-03' " " "			2806'-2825' 3000 gals 7 1/2% acid		
2806'-14' " " "					
2818'-25' " " "					
33. PRODUCTION					
DATE FIRST PRODUCTION ---		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) ---		WELL STATUS (Producing or shut-in) Shut in	
DATE OF TEST 11-28-78	HOURS TESTED 24	CHOKED SIZE varied	PROD'N. FOR TEST PERIOD →	OIL—BSL. 0	GAS—MCF. 375
WATER—BSL. 0	GAS-OIL RATIO -				
FLOW. TUBING PRESS. 322	CASING PRESSURE pkc	CALCULATED 24-HOUR RATE →	OIL—BSL. 0	GAS—MCF. 375	WATER—BSL. 0
OIL GRAVITY-API (CORR.) --					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Well shut in pending Northwest Pipeline tie-in; at which time further stimulation may be required to complete the well					
35. LIST OF ATTACHMENTS Multipoint back pressure test performed by Northwest Pipeline Corp.					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <u>Bob Zouval</u>		TITLE <u>Engineer</u>		DATE <u>01/08/79</u>	

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Lime	703	1314	
Shale	1315	2676	
Sand & shale	2676	3272	

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Mancos			0
Dakota Silt base			2550
Dakota Sd A			2600
Dakota Sd B			2660
Morrison			2710
Salt Wash			2920
Summerville			3225

DYCO PETROLEUM CORPORATION
DAILY DRILLING REPORT
SUMMARY

OPERATED

Cisco Dome Prospect 1978-01,02
Cisco Federal #2-A
3100' FNL & 1890' FEL
Of NE/4 Sec. 10-20S-21E
Grand County, Utah
5484' GL; 5495' KB
3500' Summerville Test
Dyco 100% W.I.

08/04/78 FIRST REPORT. MIRU.

08/05/78 RURT.

08/06/78 40', 14 3/4" hole, cementing 13 3/8" conductor. Spudded @ 3:00 p.m. 8/6/78.

08/07/78 76' sticking in unconsolidated sands. Lost returns.

08/08/78 236' drilling sh & sd. (160' in 12 hrs.) Converted from Air to Mud system because of 15' section of pea gravel from 73' to 88', 12 hrs. drilling, 12 hrs. mixing mud, drlg. 4-7"/ft.

08/09/78 390' running 8 5/8" surface pipe. TWC \$17,020.

08/10/78 390'. Ran 13 jts. 8 5/8", 380', set @ 385'. RU BJ Hughes and cmt'd w/ 275 sks, Circ. & PD @ 4:00 p.m. 8/9/78. NU BOP. TWC \$20,140.

08/11/78 491' drilling 7 7/8" hole (101') Bit #3 S86F made 101' in 2 1/2 hrs. Dig cellar 5 1/2 hrs., NU BOP & cut off 11 hrs. Test BOP 1/2 hr. Drill cement plug 2 1/2 hrs. Blow hole dry 1 hr. Rig service & TCH 1 hr. Drilling 2 1/2 hrs. @ 1"/ft. TWC \$21,605.

08/12/78 1349' drilling 7 7/8" hole, shale. (847') 40 @ 800', 50 @ 1290'. Bit #3 S86F has made 958' in 25 3/4 hrs. WOB 10,000, RPM 55, Air 125#, 23 hrs. drilling.

08/13/78 2118' drilling 7 7/8" hole, (769' in 24 hrs.) 30 @ 1805'. Bit #3 has made 1727' in 48 1/2 hrs. WOB 10,000, RPM 54, Air 125, 22 1/2 hrs. drilling, 1 1/2 hrs. rig service & survey.

08/14/78 2722' drilling 7 7/8" hole, shale (604' in 23 1/2 hrs.) 1 3/4 @ 2300', Bit #3 has made 2331' in 71 hrs. WOB 12,000, RPM 54, TWC \$47,512. Air 125#.

08/15/78 2982' drilling 7 7/8" hole, 260' progress shale & sand. Air 130#, 0 @ 2807', Bit #3 S86F has made 2591' in 93 hrs. WOB 15,000, RPM 54, no water, 22 hrs. drlg., 1/2 hr. rig service, 3/4 hr. slope test, 1 hr. repair. Flare has burned steady since 2693', 15' high. Will test this a.m. Gas rate est'd 1000 MCFD.

08/16/78 3009' Fishing. 7 7/8" hole, shale, 27' progress. Twisted off @ 1260' 11:30 a.m. 2 1/2 hrs. drilling, 5 3/4 hrs. trip, 1 1/2 hrs. mix mud, 8 3/4 hrs. fishing in dry hole. WIH w/bumper sub & overshot (w/4 1/2" grapples) Took hold, good circulation, very little cuttings, hole dry. Pulled 60,000# pull off fish. GIH w/4 3/8" grapple, made connection, thread loose allowing DP to hole to fall in dry hole, Top of 2nd fish 690'. GIH, attempting to screw in.

08/17/78 3009' GIH w/2nd overshot. Top of Fish #2-A 960'. 6 hrs. WO Mill, 1 hr. PU & making up mill, 1 hr. trip, 1/2 hr. milling, 8 hrs. fishing-recovered 32 jts. @ 31' per joint. Top of Fish #2-A @ 960', top of Fish #1 @ 1260'.

08/18/78 3009'. Top of fish 950'. 14 1/2 hrs. tripping w/fishing tools. 2 1/2 hrs. Fish w/taper tap, 4 1/2 hrs. WO Fishing tools. 2 1/2 hrs. fishing w/overshot w/6" grapple. TOH w/overshot. TWC \$54,000.

08/19/78 3009' 7 7/8" hole. Top of 2nd fish @ 960'. Tested gas flow @ 931 MCF. Preparing to plug hole & skid rig.

08/20/78 3009', top of 2nd fish 960'. RU Dowell, pumped 160 sks cement in hole & displaced w/500 bbls. of mud. Ran DP to 960', set 45 sks plug, (200') pulled up, set 30 sks (100') from 400' to 300' (btm. surface @ 385'). Will set 10 sks @ top of surface when rig moves off. Plan to skid rig 50' south.

08/21/78 Moving rig, preparing location, assemble DP & DC.

08/22/78 Moving rig 50' south, dug cellar, prepared location.

08/23/78 Moving rig, probably will spud today.

08/24/78 WO Drill collars, surface pipe on location.

08/25/78 WO Drill Collars.

08/26-09/14/78 WO Contractor

09/15/78 Will spud this PM.

09/16/78 Completed RU. Spudded @ 9:15 p.m. Set 27' of 13 3/8" conductor, cemented w/5 sks cement.

09/17/78 27' WOC & mixing gel.

09/18/78 174' drilling 11" hole. 1/2 @ 58'. At 3:00 p.m. 9/17/78 drilled out from under surface. MW 9.2, Vis 40.

09/19/78 384' Circ. preparing to run surface pipe. Bit #1 out @ 232'. Bit #2 Security S3TJ 11". Reamed 130' back to btm. MW 9.2, Vis 80, WL 29, FC 4/32, LCM 4#, 2 1/2 @ 204', 2 3/4 @ 325'.

09/20/78 384' WOC. Made short trip, circ. COOH w/DP. Ran 13 jts. 395.82' 8 5/8" 24#, ST&C 8RD casing. Set @ 384'. RU BJ cemented w/225 sks Class "G", 2% CaCl, 1/2# Celloflakes, 50 sks circ. PD @ 9:00 p.m.

09/21/78 384' NU Drilling stack. 8" 3000# shaefferhead. 12" BOP-bag type, 12" 3000# Grant rotating head. Bit #3 7 7/8" mill tooth, drilled cement & shoe, tested shoe @ 1000# for 20". OK. Pulled 5 jts. SI no crews until noon today.

- 09/22/78 703' drilling lime, 7 7/8" hole, 2 1/2" @ 510'. Bit #3 out @ 375', Bit #4 Security S86F in @ 375'. Dusting good, 100# AP, 1400-CFM.
- 09/23/78 1315' drilling 7 7/8" hole, shale (612' in 24 hours) WOB 7,000, CFM 1400, 125# Air, 52 RPM, 3 3/4" @ 817' & 1037'.
- 09/24/78 1676' drilling 7 7/8" hole, shale (361' in 24 hours) WOB 5,000, CFM 1400, 125# Air, 52 RPM, 2 3/4" @ 1346', 3 1/2" @ 1593', 2 1/2" @ 1346', Slight gas on conn. 8" to surface. Est. 30-40 MCF (Possibly from drilling break @ 1556'-62').
- 09/25/78 2184' drilling 7 7/8" hole shale (508' in 24 hours) Bit #4 has made 1800' in 73 hrs. 23 hrs. drilling, 120# Air, 11,000 WOB, 50 RPM, 2 1/2" @ 1898'. Slight gas on connection.
- 09/26/78 2550' TFB. (366' in 24 hours) Bit #4 made 2166' in 85 1/2 hrs. (buttons & bearings OK, shank air cut). Bit #5 7 7/8" Security M84F. 12 1/2 hrs. drilling, 11 1/2 hrs. trip. This a.m. on bottom, 2' fill, bit torquing. 2 1/2" @ 2550'.
- 09/27/78 2682' SD for repairs sh & Pyrite. (132' in 24 hours) 120# Air, 1400 CFM, 5,000 WOB, 50 RPM. Bit #5 7 7/8" has made 132' in 11 1/2 hrs.) 9 p.m. to 6 a.m. repair clutch, drilled 1 hr. clutch went out again. WO parts. Estimated top Dakota Gas Sand 2693'.
- 09/28/78 2690' WO rig repair. 2 hrs. drilling, 2 hrs. check gear box, to hot, 7 hrs. LDDP, 13 hrs. gear boxes in shop. At noon today will know about parts.
- 09/29/78 2690' LDDP. WO Repairs. Probably Monday before parts will arrive and repairs completed.
- 09/30-10/01/78 WO repairs.
- 10/02/78 WO repairs, changing seals in 3rd gear box, should be completed and installed on rig this p.m.
- 10/03/78 2690' GIH w/Bit #5 7 7/8" has made 132' in 11 1/2 hrs. Repairs completed @ 5:30 this a.m. At 9:00 a.m. lack 40 jts. from being on btm.
- 10/04/78 2898' drilling sd. Bit #5 has made 348' in 25 3/4 hrs. Finish running DP had 2' of fill up. Had 1st gas increased @ 2698', rapid increased 2698'-2703'. Grad. increase to 2730'. SD for 40" to measure gas @ 2730'. Stabilized 1.7 MMCFD. Tested 1 hr. @ 2853', stable @ 1.4 MMCFD. Air 130#, Rpm 50, WOB 7,000, 1350 CFM.
- 10/05/78 3106' drilling sd & sh. 7 7/7" hole, drilling break @ 3096'-99, from 7-10" to 2"/ft. Stop dusting. Misting. 30 minutes stabilized flow of gas, tested @ 3100', 1.5 MMCF also @ 3010'-1.5 MMCF. Air 185#, CFM 1350. From 3104'-06' increased from est. 5 BPH to 8-10 BPH. Fresh water, Ph 7, air w/2 1/2 bbls. of foam/hour removing the water, no torque or balling while drilling.
- 10/06/78 3262' drilling (158') Est. gas @ 1.5 MMCFD w/8 BPH water, Air 170# @ 1300 ft.³/min. w/5 1/2 BPH of foam. 50 RPM, WOB 8,000, 5-15"/ft. Pipe to be on location @ 4:00 p.m.
- 10/07/78 Prepare to run 4 1/2" casing, 3292' T.D. drilled 28' in 6 1/2 hrs. Bit balling, torquing and sticking. 10 hrs. Slug hole w/foam and POOH & LD DP & DC. Gauged gas at 2.8 MMCFD. Unload 4 1/2" casing & prepare to run same.
- 10/08/78 Ran 113 jts. 4 1/2" 10.50# ST&C K-55 casing. Tagged bridge at 3043'. Washed thru bridges @ 3043', 3070', 3136' w/air & foam. Washed to 3272' & cemented casing w/100 bbls. mud & 330 sks Class "G" 50-50 pozmix cement w/1/4#/sk. celloflake. Displaced plug w/18 bbls. mud & 34 bbls. KCL water. Final displacement pressure 700#, bumped plug w/1200#. Float held OK. Landed casing @ 3272'. Float collar @ 3245'. PD @ 8:30 p.m. SI & WOC.
- 10/09/78 Preparing to cut off csg. & set slips.
- 10/10/78 ND 80P's, set 4 1/2" csg. slips & welded bell nipple (BH flange 8" 900 31" below ground level w/steel plate welded on top). Rig released @ 12:00 noon 10/9/78. RU GOI & ran CBL & GR Neutron PDC logs. TOC 1800' w/good bond indicated throughout upper Dakota Sand interval. PBTD 3240'. WOCU.
- 10/11-10/19/78 WOCU.
- 10/20/78 RU Completion unit this a.m. & PU 2 3/8" tbq.
- 10/21/78 RU Completion unit & TIH w/tbq. open ended to PBTD & circ. out 18 bbls. mud in 4 1/2". Spot 6 bbls. acetic acid across perf. interval. TOH & RU GOI perf. 2-3 1/8" DML jets/ft. @ 3198'-3206'. TIH w/Otis packer, set @ 3150'. BD perf's @ 1750# @ 3/4 BPM & pump 6 bbls. acetic acid @ 1750#, 3/4 BPM ISIP 1600#, 5"-1400#. SION.
- 10/22/78 Swab well down to 3100' w/very sli show of gas TSTM. RU Howco & acidize w/1000 gals. MSR (7 1/2%) w/.3% Cla-stay, 25#/1000 L-41 (Fe+ sequestering agent) 3 gals/1000 A-200 corrosion inhib. .2% M-38W de-mulsifier, plus 750 SCF/bbl. N₂ and displace w/2% KCL w/750 SCF N₂/bbl. Total load 47 bbls. Initial pressure 2000#/1BPM, increasing to 1800#/1 BPM @ end of treatment. ISIP 1800#. Open well & flow back est'd 25 BLW w/no gas. Swab well down to SN w/gas show TSTM. SION (12 hrs.) w/200# SITP.
- 10/23/78 Open well & bled to zero in 5" w/gas to surface TSTM. (Completion unit SD for Sunday).
- 10/24/78 225# SITP, 10/23/78 am (16 hrs) w/700' FIH & approx 5 gal free oil on top. Swabbed down to SN w/very slight gas TSTM. Release packer & equalize csg/tbq & TIH w/GOI. Perf 2 JSPF w/1-11/16 DML gun 3168-3177 (GR-Neutron measure). Swab well down to SN w/slight trace of gas TSTM. Prep to treat this am w/3000 gal 7 1/2% MSR in 2 stages w/30 RCN ball sealers.
- 10/25/78 25# SITP 10/24/78 a.m. w/75' FIH w/trace of oil on top of fluid. Blew down w/no GTS. RU Howco, pressure csg. to 1500 psi & acidize perf's 3198'-3206'; 3168'-3177' w/3000 gals. 7 1/2% MSR acid w/750 SCF N₂/bbl. in acid & 1000 SCF/bbl. N₂ in flush. Additives same as initial 1000 gals. acid job on 10/22/78. Avg. rate 3 3/4 BPM, Avg. pressure 3300#, Max. 3600# w/good ball action (30 balls dropped after 1500 gals acid pumped) ISIP 2200#. Total load to recover 95 bbls. Flow back 27 BAW in 1 hr. & swab/flow 15 bbls. next 3 hrs. Well swab down to SN w/no show gas or oil. Will swab down this a.m. & set CIBP in event of no gas/oil show.
- 10/26/78 Swab well down & recover 5 1/2 bbls. acid water w/no show of gas or oil. POOH w/tbq. & packer. RU GOI & set CIBP @ 3149'. Dumped 3 sacks cement on top of BP (26' fillup). PBTD 3123'. Perforate 3060'-3084' w/2-3 1/8" DML jets/ft. SION.
- 10/27/78 TIH w/packer, 1 joint tail pipe & 2 3/8" tbq. to 3000' & unable to get packer to set; POOH & ran Guiberson packer to 3000' & set same. Swabbed well down to SN w/no shows. Will spot 500 gals. acid this a.m.

- 10/28/78 110# SITP 10/27/78 am & 700' FIH. Swab well down w/tr of gas TSTM & no oil show. Load tbg w/2% KCL wtr, lower packer to 3090 & spot 500 gal 7½% MSR acid. Pick pkr up & set @ 3040' & brk dwn @ 1000# - 850#. Final 2½ BPM/950#. ISIP 700. Total load 24 Bbl. Swab well dwn & rec 32 bbls total fluid w/gal est 10 MCFD. Left open overnight.
- 10/29/78 1800 FIH 10/28/78 am; swab down to SN w/slight show of gas. Swabbing 1-2 BFPH. Recovered 20 bbl fluid. Total recovered 52 bbl. SION.
- 10/30/78 95# SITP 10/29/78 & FL 1000' FS. Swab well down to SN & ga. 10 MCFD gas rate. Have recovered 73 bbls since acid job (now swabbing 1.7 bbl/45").
- 10/31/78 45# SITP 10/30/78 a.m. & FL @ 1000' FS. Swabbed well down w/tr. of gas. Total fluid rec'd this interval 83 bbls. (59 bbls over load) Load tbg. w/2% KCL. POOH w/packer. RU GOI & set CIBP @ 3040'. Perforate w/2-3 1/8" DML jets/ft. 2970'-76'. TIH w/packer & set @ 2914', tail pipe @ 2945'. Swab well down to SN w/no shows. SION & will acidize this a.m.
- 11/01/78 Slight vacuum on tbg. 10/31/78 a.m. & no FIH. RU Dowell & acidize w/500 gals. 7½% MSR acid @ 1500#-5 BPM. ISIP-vacuum. Swab well down & rec. all of 24 bbls. load w/sli show of gas TSTM & trace of oil. SION w/100# SITP & 300' FIH. Swab down & rec'd 1 bbls. of acid water w/trace of natural gas ahead of swab & show of oil in recovery. Prepare to set CIBP & perforate lower Dakota oil sand 2769'-80' & 2800'-03'.
- 11/02/78 POOH w/tbg./pkr. & set CIBP @ 2950'. Perforate L. Dakota Oil Sand 2769'-79', & 2800'-03'. TIH & set packer @ 2724'. Swab well down & rec'd 12 bbls. 2% KCL load w/no shows. RU Dowell and acidize perf's w/500 gals. 7½% MSR acid. BD 1000# @ 2½ BPM breaking to 4 BPM/1000#. ISIP 500#, 5"-50#, 10"-vac. Swab back 13 BLW w/good show of gas & trace of oil. Burning continuous 20" flare. SION (12 hrs.) w/510# SITP & 600' FIH. Swab down & rec'd 2 bbls. load w/tr. oil TSTM. Install tester & ga. 72.6 MCFD in 45" w/3/8 plate x 12 psig FTP. Will test this a.m. & MI Frac equip.
- 11/03/78 8 hrs. gas test gauged 100 MCFD on 3/8" plate w/20 psig proover pressure. RU this a.m. to perforate 2806'-14' & 2818'-25'.
- 11/04/78 12 hrs. SITP 550# 11/3/78 a.m. & no FIH, pump 8 bbls. KCL water via tbg. pressure annulus to 2000#, & perf. w/GOI 2806'-14' & 2818'-25' w/2 14 gm glass jets/ft. Acidize w/3000 gals. 7½% MSR & 75 RCN ball sealers. Avg. rate 4 BPM 1000#, 1st 1000 gals. drop balls & pump 2000 gals. 4 BPM @ 1375# w/good ball action throughout. ISIP 900#, 1"-600#, 5"-vac. Swab back 52 BLW w/good show of gas. Swabbing w/75-00' FIH each run after 4½ hrs. SION w/550# SITP this a.m. & 300' FIH & no oil.
- 11/05/78 Swab & flow 9 BLW in 8 hrs. Gas gauge 126 MCFD 26 psig x 3/8" plate @ noon, 3:00 p.m. 125 MCFD, 4:00 p.m. 137 MCFD, 5:00 p.m. 113 MCFD. SION 12 hrs. w/560# SITP. Bled down in 15" w/no fluid to surface. SI; Swabbing unit SD for Sunday.
- 11/06/78 SD for Sunday; prepare to perforate Dakota A Gas Sand 2676'-2697'; 2702'-2708'.
- 11/07/78 SITP 550# 24 hours. Made 2 swab runs, no fluid. Loaded tbg. w/KCL & equalized press on tbg. annulus. Perforated Dakota "A" gas sand 2676'-2697', 2702'-2708' w/2-14 gm. glass jets/ft. Swabbed back 5 bbls. Well flowing back 1½ bbl. in 20 mins. At 3:15 p.m. gas gauged 191 MCF, 50 psig x 3/8" orifice. Preparing to acidize Dakota "A" perfs. down tbg. w/1000 gals. 7½% MSR acid.
- 11/08/78 Acidized down tbg. w/1000 gals. 7½% MSR acid. Initial rate 2 BPM @ 700#; dropping balls, 6 BPM @ 1750#. Finish @ 6 BPM @ 1900#. 1st slug of balls increased pressure 100#-150# (130 balls) ISIP 500#, 5"-0#. Pressure on annulus 2000#. Swab back 46 BF. Well kicked once, flowing @ 5# thru 3/8" orifice, bled off annulus & appears fluid dropped. Total 39 bbls. into formation. Appears to be packer leak. Preparing to TOH w/packer.
- 11/09/78 Well SION. SITP 700#, SICP 650#. Loaded well with KCL water, circulated around; equalized pressure. POOH w/packer. Packer slips had released; appeared badly worn. TIH w/new packer and set @ 2606'. Swabbed back 20 BLW; 13 BTR. Water coming back @ 2 BPH.
- 11/10/78 Well SION. SITP 650# after 12 hrs. Bled down, swabbed twice; no fluid. Ran swab to SN. Opened well up thru separator, well flowing on 3/8" choke, 20# FTP, 100 MCFD & no fluid coming back, 7 BLWTR. Guiberson Model "R" pkr. set @ 2606'. Preparing to isolate upper perfs & acidize w/1000 gals. 7½% MSR acid.
- 11/11/78 Released packer, set below upper perf's. Spotted 1000gals. 7½% MSR acid (plus added clay stabilizers & surfactant) Set pkr. & pressured acid away into perfs @ 2676'-2708' via annulus. Initial rate 2 BPM, press. increased to 1700# @ 80. Rate then 2-5 3/4 BPM @ 1450#-1700#. ISIP 900#. Reset packer @ 2608' & swab well. Recovered 18 BLW; making ½ BPH, 5 BTR. 180 MCFD, FTP 47# on 3/8" choke, well flowing on ½" choke overnight.
- 11/12/78 Well flowing 24 hrs 48# FTP, 1/2" choke, 345 MCF, 2 BF. Released packer killed well, removed BOP, reset pkr, NU and swab on well. KO flowing. Released rig, frac tank. After 24 hours well flowing 250 MCFD, FTP 35# thru ½" choke. Well SI @ 8:00 a.m. 11/12/78.
- 11/13/78 Well SI.
- 11/14/78 SITP 740#; SICP 50#, 24 hrs. SI. Opened well on ½" choke 1st 2 minutes slight mist, FTP 740#. At end of 2 hrs. FTP 150# dry gas. Bypassed choke & flow thru 2" valve; FTP 125# @ end of 4 hrs. est 3 MMCFD.. SI Well.
- 11/15/78 SI 24 hours. SITP 740#. Blew well 4 hrs. thru 2" open valve. At end of 3 hrs. made only light mist. FTP 125# @ end of 4 hrs. est. 3 MMCFD. SI Well.
- 11/16/78 SITP 740, SICP 250, Blow 2 hrs, blow down to 300# on ½" choke, est. 1800 MCFD. SI.
- 11/17/78 SITP 740# (24 hrs) Well opened thru separator. Flowing 12 hrs thru ½" orifice. 0.7 BWPD & 1200 MCFPD, FTP 185#. SI Well @ 6:00 a.m.
- 11/18-18/21/78 SI.
- 11/22/78 Opened well up for 1 hour. Flowing est. 3 MMCFD with only mist of water, FTP 220#. SITP 625# in 15 minutes, SICP 500#.

11/23/78 Well SI 3 days. SITP 725#, SICP 550#.
 11/24/78 Well SI 4 days. SITP 725#, SICP 550#. Preparing to run BHP bomb & 4 point test 1st of next week.
 11/25/78 Well SI 5 days. SITP 725#, SICP 550#.
 11/26/78 Well SI.
 11/27/78 Well SI.
 11/28/78 SI.
 11/29/78 Well SI 9 days. Preparing to run BHP bomb & run 4 point test.
 11/30/78 Testing today.
 12/01/78 SI. Evaluating test information.
 12/02/78 4-point test results: Orifice well tester set downstream of separator; pressures via dead weight test:

Rate	Orifice	Flow Time	FTP	Tester Press.	MCFPD
1	1/4"	2 hrs.	596#	63#	107
2	3/8"	2 hrs.	483#	80#	288
3	7/16"	2 hrs.	366#	47#	263
4	1/2"	2 hrs.	330#	53#	364
4	1/2"	12 hrs.	324#	53#	363
4	1/2"	14 hrs.	323#	55#	327
4	1/2"	16 hrs.	322#	55#	373

Est. grav. of gas 0.650, est. BHT 87°F, Calculated BHP 765#, ISIP 685#
 (DWT) CAOF 435 MCFPD. Dry gas. SI & back to original SI pressure in 1/2 hr.
 12/03/78 Well SI.
 12/04/78 Well SI.
 12/05/78 SI.
 12/06/78 SI. Will run BHP bomb Friday.
 12/07/78 SI.
 12/08/78 SI. Preparing to run BHP bomb.
 12/09/78 Well SI, WO 2nd BHP bomb; should run in well late today.
 12/10/78 Running BHP BU test.
 12/11/78 Running BHP BU test.
 12/12/78 Running BHP BU test.
 12/13/78 Pulling BHP bomb; well SI while test data evaluated.
 12/14-12/20/78 SI.
 12/21/73 SITP 700#, SICP 580#. Opened well up, blow down for 1 1/2 hrs. p.m. 12/20/78. FFTP 125# with very light mist. Well SI this a.m.
 12/22/78 Well SI. Temporarily drop from report, waiting on pipe line hook up.

March 10, 1980

Dyco Petroleum Corp.
420 NBT Bldg.
320 S. Boston
Tulsa, Oklahoma 74103

Re: Well No. Cisco Fed. 2-A
Sec. 10, T. 20S, R. 21E.
Grand County, Utah
October 1979- February 1980

Gentlemen:

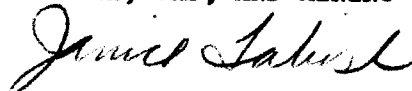
Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject well.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING



JANICE TABISH
CLERK TYPIST

POW

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-38359	
2. NAME OF OPERATOR Dyco Petroleum Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME 022012	
3. ADDRESS OF OPERATOR 7130 S. Lewis, Ste. 300, Tulsa, OK 74136		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW-NE 3100' FNL & 1890' FEL of NE/4		8. FARM OR LEASE NAME Cisco	
14. PERMIT NO. 43-019-30471		9. WELL NO. 2A Federal	
15. ELEVATIONS (Show whether DF, RT, GA, etc.) 5484' GL		10. FIELD AND POOL, OR WILDCAT Cisco Dome	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 10-20S-21E	
		12. COUNTY OR PARISH Grand	13. STATE UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/> application for disposal of produce wtr	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Water produced from the above well is temporarily stored on location in a 210 bbl. stock tank. Once a load of water is accumulated, it is hauled to the Thompson pit. Let this Sundry notice serve as a request to store and dispose of produced water as mentioned above.

RECEIVED
FEB 09 1987

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

Ray A. Free

TITLE Production Engineer

DATE February 4, 1987

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

THE FOLLOWING METERS WILL HAVE CALIBRATION / SETTLEMENT TESTS RUN ON THE DATES INDICATED. STARTING TIME WILL BE 0800 OR AS SPECIFIED BELOW AND AT THE OFFICE OF THE NORTHWEST PIPELINE GRAND JUNCTION DISTRICT YOU WILL BE NOTIFIED SHOULD ANY CHANGES OCCUR IN THIS SCHEDULE. IF YOU HAVE ANY QUESTIONS ABOUT THE SCHEDULE, CONTACT OR WRITE THE DISTRICT OFFICE.

METER CODE	WELL NAME	LOC	RUN	DAY	MO/YR	STARTING TIME
9231-017	CISCO FEDERAL #2A	06	13	<u>5</u>	11/85	<u>0900</u>

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ Well File _____☐ Suspense
(Return Date) _____
(To - Initials) _____☒ Other
OPERATOR CHANGE
FILE _____(Location) Sec _____ Twp _____ Rng _____
(API No.) _____

1. Date of Phone Call: 9-10-91 Time: 11:50

2. DOGM Employee (name) L. ROMERO (Initiated Call ☒
Talked to:Name DEBBIE MATHIS (Initiated Call ☐ - Phone No. (918)583-1791

of (Company/Organization) DYCO PETROLEUM CORP. (N0370)

3. Topic of Conversation: OPERATOR CHANGE "DYCO PETRO. TO SAMPSON RESOURCES".

(SHELL GOV'T C-2/43-037-10012/WDW)

4. Highlights of Conversation: _____

(Have rec'd June)
*NEED MAY & JUNE 1991, MONTHLY INJ. REPORTS & TRANSFER OF AUTHORITY TO INJECT

PER DAN/UIC. (DYCO TO SAMPSON RESOURCES) *ALSO NEED SUNDRIES OF OPERATOR CHANGE.

MSG LEFT FOR DEBBIE MATHIS TO RETURN CALL/11:50

910912/4:00 MSG LEFT

910918/2:30 DEBBIE MATHIS INFORMED ME THAT DYCO PETRO. & SAMSON RESOURCES ARE

ONE IN THE SAME COMPANY. DYCO DISSOLVED, SAMSON ASSUMED OPERATIONS. THEY ARE

IN THE PROCESS OF PREPARING DOCUMENTATION AT PRESENT. I WILL FAX AN UPDATED

MONTHLY INJECTION REPORT FORM, TRANSFER OF AUTHORITY TO INJECT FORM, AND A

SUNDRY NOTICE TO ASSIST THEM IN THIS PROCESS.

*911001/3:00 Debbie Mathis - msg.

911007/2:00 " "

911024/3:00 Brian Exline will have Debbie send letter or sundries explaining the
connection between Dyco/Samson, and also the above UIC reports asked for.

Form 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number

UTU38359

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement

9. Well Name and Number

Cisco-Federal #2-A

10. API Well Number

43-019-30471

11. Field and Pool, or Wildcat

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT for such proposals.

1. Type of Well

☐ Oil Well☒ Gas Well☐ Other (specify)

2. Name of Operator

Samson Resources Company

3. Address of Operator

Two West Second Street, Tulsa, OK 74103

4. Telephone Number

(918) 583-1791

5. Location of Well

Footage

QQ, Sec. T., R., M. : Section 10-20S-21E

County : Grand

State : UTAH

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other Change of Operator | |

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Change of Operator. Formerly operated by Dyco Petroleum.

SEP 26 1991

DIVISION OF
OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name & Signature Debbie Mathis

(State Use Only)

Title Production Analyst Date 9-23-91

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ **Well File** _____☐ **Suspense**
(Return Date) _____
(To - Initials) _____☒ **Other**
OPERATOR FILE

_____(Location) Sec ___ Twp ___ Rng ___
(API No.) _____

1. Date of Phone Call: 1-9-92 Time: 11:00

2. DOGM Employee (name) L. ROMERO (Initiated Call ☒
Talked to:Name DENNIS CHANDLEY (Initiated Call ☐ - Phone No. (918) 583-1791
of (Company/Organization) SAMSON RESOURCES COMPANY (N8020)

3. Topic of Conversation: OPERATOR CHANGE FROM DYCO PETROLEUM TO SAMSON RESOURCES.

4. Highlights of Conversation: _____

MR. CHANDLEY STATED THAT DYCO PETROLEUM DISSOLVED. SAMSON RESOURCES ASSUMED
OPERATORSHIP. THEY ARE BASICALLY ONE IN THE SAME COMPANY - NOT AN OPERATOR
NAME CHANGE. I REFERRED HIM TO THE BLM/MOAB OFFICE TO FILE NECESSARY DOCUMENTATION
WITH THEM AND TO OBTAIN BLM APPROVAL.

Form 3160-5
(June 1990)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Samson Resources Company

3. Address and Telephone No.

Two West Second Street Tulsa, OK 74103

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW NE of Section 10-20S-21E

5. Lease Designation and Serial No.

UTU38359

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Cisco-Federal #2-A

9. API Well No.

43-019-30471

10. Field and Pool, or Exploratory Area

11. County or Parish, State

Grand, Utah

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment☐ Recompletion☐ Plugging Back☐ Casing Repair☐ Altering Casing☒ Other Change Operator☐ Change of Plans☐ New Construction☐ Non-Routine Fracturing☐ Water Shut-Off☐ Conversion to Injection☐ Dispose Water

(Note: Report results of multiple completions on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

CHANGE OF OPERATOR

Samson Resources Company is taking over operations of the above captioned well.Samson Resources Company is responsible under the terms and conditions of the lease for operations conducted on the leased lands or portions thereof.Bond coverage for this well will be provided by BLM BOND No. 405100739379 1170540
m.l.

14. I hereby certify that the foregoing is true and correct

Signed William C. Hanger Title Production Analyst Date March 25, 1992

(This space for Federal or State office use)

Approved by William C. Hanger Title Assistant District Manager for Minerals Date 3/30/92

Conditions of approval, if any:

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:	
1-LCR	7-LCR
2-DTS	375
3-VLC	✓
4-RJF	✓
5-RWM	✓
6-ADA	✓

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not-applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 3-30-92)

TO (new operator)	<u>SAMSON RESOURCES COMPANY</u>	FROM (former operator)	<u>DYCO PETROLEUM CORPORATION</u>
(address)	<u>TWO WEST SECOND STREET</u>	(address)	<u>7130 S. LEWIS #300</u>
	<u>TULSA, OK 74103</u>		<u>TULSA, OK 74136</u>
	<u>LYLA MILLER</u>		<u>LYLA MILLER</u>
	phone (918) <u>583-1791</u>		phone (918) <u>583-1791</u>
	account no. <u>N 8020</u>		account no. <u>N 0370</u>

Well(s) (attach additional page if needed):

Name: <u>CISCO FEDERAL #1/DKTA</u>	API: <u>43-019-30986</u>	Entity: <u>2295</u>	Sec <u>10</u> Twp <u>20S</u> Rng <u>21E</u>	Lease Type: <u>U-38359</u>
Name: <u>CISCO FED #2 A/DKTA</u>	API: <u>43-019-30471</u>	Entity: <u>2295</u>	Sec <u>10</u> Twp <u>20S</u> Rng <u>21E</u>	Lease Type: <u>U-38359</u>
Name: <u>CISCO FEDERAL #3/MRSN</u>	API: <u>43-019-30836</u>	Entity: <u>2295</u>	Sec <u>10</u> Twp <u>20S</u> Rng <u>21E</u>	Lease Type: <u>U-38359</u>
Name: <u>SHELL GOVT A #1/ISMY</u>	API: <u>43-037-15018</u>	Entity: <u>8105</u>	Sec <u>20</u> Twp <u>40S</u> Rng <u>23E</u>	Lease Type: <u>U-01058B</u>
Name: <u>SHELL GOVT B #1/IS-DC</u>	API: <u>43-037-15019</u>	Entity: <u>8107</u>	Sec <u>20</u> Twp <u>40S</u> Rng <u>23E</u>	Lease Type: <u>U-01058</u>
Name: <u>SHELL GOVT C #1/ISMY</u>	API: <u>43-037-11464</u>	Entity: <u>8109</u>	Sec <u>20</u> Twp <u>40S</u> Rng <u>23E</u>	Lease Type: <u>U145853A</u>
Name: <u>SHELL GOVT B #3/IS-DC</u>	API: <u>43-037-15020</u>	Entity: <u>8108</u>	Sec <u>21</u> Twp <u>40S</u> Rng <u>23E</u>	Lease Type: <u>U-01058B</u>
& DSCR				

OPERATOR CHANGE DOCUMENTATION

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- See 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 4-26-91)
- See 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: #102274.
- See 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (5-6-92)
- See 6. Cardex file has been updated for each well listed above. (5-6-92)
- See 7. Well file labels have been updated for each well listed above. (5-6-92)
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (5-6-92)
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- 1 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ (If entity assignments were changed, attach copies of Form 6, Entity Action Form). (2295-Common Tank, 8107-Common Tank)
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no) ____.
Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: May 11 1992

FILING

- ✓ 1. Copies of all attachments to this form have been filed in each well file.
- ✓ 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

- 911024 - Bhm/mcab "No documentation" (Notified Samson Res - See Phone doc.)
- 911125 - Bhm/mcab "No doc."
- 911231 - Bhm/mcab "Not Approved as of yet."
- 920203 - Bhm/mcab "Not Approved - will notify OOBm"
- 920504 - Bhm Approved eff. 3-30-92. (operator faxed approvals)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FEB - 2 1995

8. Lease Designation and Serial Number

U-38359

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement:

9. Well Name and Number

Cisco Federal 2-A

10. API Well Number

43-019-30471

11. Field and Pool, or Wildcat:

Cisco Dome

1. Type of Well:

☐

Oil Well

☒

Gas Well

☐

Other (specify)

2. Name of Operator

Samson Resources Company

3. Address of Operator

2 West 2nd St. Tulsa, OK 74103

4. Telephone Number

918-583-1791

5. Location of Well

Footage : 2100' FNL and 1890' FEL

QQ, Sec. T., R., M. : SW/4 NE/4 Sec. 10-20S-21E

County : Grand

State : UTAH

12. CHECK APPROPRIATE BOXES TO INDICATE TYPE OF OPERATION (Check all that apply)

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other | Add perforations and acidize |

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other | |

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

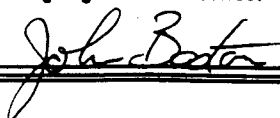
13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Samson Resources Company proposes to add additional Morrison perforations from 2890' to 2914' to the existing Dakota and Morrison zones open in this well. We anticipate that this zone will produce oil instead of gas and that an acid breakdown treatment and a sucker rod pump installation will be required. A wellbore diagram and a proposed procedure are attached. The currently open intervals are depleted and are no longer capable of production.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

14. I hereby certify that the foregoing is true and correct

Name & Signature



John Boston

Title Production Analyst Date 1/30/95

(State Use Only)

STAT OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

MAY 15 1995

SUNDRY NOTICES AND REPORTS ON WELLS

Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		6. Lease Designation and Serial Number UTU38359
Name of Operator Samson Resources Company		7. Indian Allottee or Tribe Name
Address of Operator 2 West 2nd Street Tulsa, OK 74103		8. Unit or Communitization Agreement
4. Telephone Number (918) 583-1791		9. Well Name and Number Cisco Federal #2-A
Location of Well Footage : 2100' FNL and 1890' FEL OO, Sec, T., R., M. : SW /4 NE /4 Section 10-20S-21E		10. API Well Number 43-019-30471
County : Grand State : UTAH		11. Field and Pool, or Wildcat Cisco Dome-Dakota, Morrison

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE OR REPORT (Other)	
NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment	<input type="checkbox"/> Abandonment *
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Casing Repair
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Conversion to Injection
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Fracture Treat
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Other
<input type="checkbox"/> Other	
<input type="checkbox"/> New Construction	<input type="checkbox"/> New Construction
<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Recompletion	<input checked="" type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Water Shut-Off	
Approximate Date Work Will Start	Date of Work Completion 3-31-95
Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.	

3. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

1. Shot additional Morrison perforations at 2890'-2914'.
2. Broke down perforations with 1000 gallons 7.5% HCL.

Work completed 3/31/95. Detailed history of work attached.
Work was unsuccessful at restoring production and the well is now shut in for evaluation of other zones.

4. I hereby certify that the foregoing is true and correct

Name & Signature

Joe P. Smith

Title District Engineer Date 5/12/95

State Use Only)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Gas
☐ Well ☒ Well ☐ Other

2. Name of Operator
SAMSON RESOURCES COMPANY

3. Address and Telephone No.
TWO WEST SECOND STREET TULSA, OK 74103 (918) 583-1791

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2100' FNL and 1890 FEL SW/4 NE/4 Section 10-20S-21E

5. Lease Deal

UTU-38359

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Cisco Federal #2-A

9. API Well No.

43-019-30471

10. Field and Pool, or Exploratory Area

Cisco Dome-Dakota, Morrison.

11. County or Parish, State

Grand, UT

12 CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

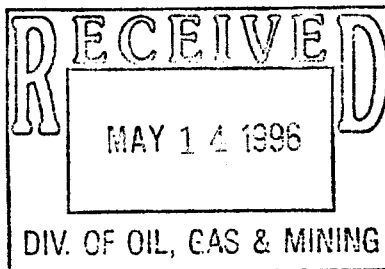
TYPE OF ACTION

- ☒ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see attached plugging procedure and wellbore diagrams.
Anticipated starting date is July 1, 1996.
The well is currently inactive.



**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

14. I hereby certify that the foregoing is true and correct

Signed

G. P. Smith

Title

District Engineer

Date

5/13/96

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Cisco Federal 2-A
Sec. 10-T20S-R21E, Grand County, Utah
P&A Procedure
April 18, 1996

Note: All cement to be used is Class B, 5.2 gal water/sk, 15.6 ppg, yield 1.18 cu ft/sk. All mud used will be 9.0 ppg fresh water mud.

Note: Notify representatives of BLM and State of Utah at least 48 hours before beginning P&A operations.

1. MIRU workover rig. ND wellhead, NU and test 3000 psi BOP. Release AD-1 tension packer and POOH with 2-3/8" tubing. RIH with 4-1/2" CIBP on tubing and set at 2,650'. Spot 15 sx Class B cement on top of plug.

2. Circulate hole full of 9.0 ppg fresh water mud. Pressure test casing to 500 psi for 30 minutes. If pressure test is successful, POH laying down all but 320' of the tubing.

3. MIRU EL w/ packoff. RIH w/ a 3" HSC gun and perf 4 squeeze holes (90 degree phased) at 450' (+/- 65' below surf csg shoe). POH and RD EL.

4. RIH with tubing to 320'. Close pipe rams and establish circulation down tubing taking returns via the 8-5/8" x 4-1/2" annulus at surface w/ 9 PPG mud. Mix and pump 40 sx class B cmt (1.18 cu ft/sk yield, 15.6 ppg, 5.2 gal water/sx) down the tubing followed by 1.2 bbls mud to set plug 65' above and below the surface casing shoe at 384'. Open pipe rams and POH laying down tubing to 50' from surface. WOC and test plug to 500 psi for 30 minutes.

5. Bullhead 15 sx cement down 4-1/2" x 8-5/8" annulus to set 60' plug at surface. Spot 10 sx cement plug inside 4-1/2" casing from 60' to ground level. Verify cement plug in casing annulus by visual inspection of cement at surface or by pressure testing annulus to 200 psi.

6. Cut off casings at ground level. Install plugging marker inscribed with well name and location (consult with state and BLM representatives on size of plugging marker). Remove equipment and clean up location. Restore location according to BLM instructions.

WELL NAME:		Cisco - Federal #2 - A		FIELD:		Cisco Dome		PROSPECT:				
LOCATION:		Sec. 10 T20S - R21E		COUNTY:		Grand		STATE:				
		SE SW NE (2100' FNL, 1890' FEL)		SPUD DATE:		9-16-78		FORMATION:				
TD:	3292'	PBTD:	2940'	ELEVATION:		5484' GL	ZERO DATUM:	11'	FT. ABOVE GL			
PIPE RECORD								CEMENT & HOLE DATA				
CSG	OD	GRADE	THD	WT/FT	TOP	BTM	# JTS	BIT SIZE	DEPTH	SX	WT.	Top Cmt
Cond.	13.750	H-40*	ST&C*	48.0#	Surf.	27'		14.750		5		Surf.
Surf.	8.625	J-55*	ST&C	24.0#	Surf.	384'	13	11.000		225		Surf.
Prod.	4.500	K-55	ST&C	10.5#	Surf.	3272'	113	7.875		330		1800'
Tbg.	2.375	J-55*	EUE*	4.7#	Surf.	2895'	92					(CBL)
13.375" Csg Assumed H-40 ST&C								CAPACITIES (BBL/FT) (FT/BBL) (CF/FT)				
8.625" Csg Assumed J-55												
2.375" Tbg Assumed 4.7# J-55 EUE												
REMARKS:								TBG: .0039 258.4 .0217				
10-21-78: Spotted 6 BBLs acetic acid across perf int.Perf'd(3198-3206')w/ 2-3 1/8" DML jsp. Set pkr @ 3150' and pumped acid into perfs @ 3/4 BPM, 1750 psi. ISIP = 1800 psi.								CSG: .0159 62.70 .0900				
10-22-78: Acidized(3198-3206')w/1000 gal 7 1/2% MSR. 2000 - 1800 psi @ 1 BPM. ISIP = 1800 psi.								LINER:				
10-24-78: Perf'd(3168-77')w/1 11/16 DML gun, 2 jsp.								ANNULAR VOL. (BBL/FT) (FT/BBL) (CF/FT)				
10-25-78: Acidized(3168-77; 3198-3206')w/3000 gals 7 1/2% MSR acid, 750 scf N2/bbl. Avg Rate 3 3/4 BPM @ 3300 psi. ISIP = 2200 psi.								TBGxCSG: .0105 95.51 .0587				
10-26-78: Set CIBP @ 3149'. PBTD @ 3123'.Perf'd(3060-84')w/2-3 1/8" DML jets/ft.								TBGxLNR: .0406 24.65 .2278				
								CSGxHOLE: .0406 24.65 .2278				
								LNRxHOLE:				
								PERFORATION RECORD				
								DATE	TOP	BTM	ZONE	STATUS
								10-21-7	3198'	3206'	Salt Wash	Closed
								10-24-7	3168'	3177'	Salt Wash	Closed
								10-26-7	3060'	3084'	Salt Wash	Closed
								10-31-7	2970'	2976'	Salt Wash	Closed
								11-02-7	2769'	2779'	Morr.	
								11-02-7	2800'	2803'	Morr.	
								11-04-7	2806'	2814'	Morr.	
								11-04-7	2818'	2825'	Morr.	
								11-07-7	2676'	2697'	Dakota	
								11-07-7	2702'	2708'	Dakota	
								3-28-95	2890'	2914'	Morr.	
SRC WI%: FERC CLASS:												
ZONE/PENALTY:												
SRC OFFSET/ZONE:												
FORCE POOL: COMPETITIVE:												
BHT: EST WHSIP:												
LOGS: Gamma-Ray Neutron, Cement Bond w/Wave Train Display, Driller's'												
Compensated Neutron Formation Density,												
LANDMAN:								GEOLOGIST:				

STATUS: T & A

OBJECTIVE: Evaluate for Recompletion Potential

ADDITIONAL REMARKS:

- 10-28-78: Acidized(3060-84')w/500 gal 7 1/2% MSR acid. Rate 1000-850 psi, 2.5 BPM. ISIP = 700 psi.
- 10-31-78: Set CIBP @ 3040'. Perf'd(2970-76')w/2-3 1/8" DML jsp.
- 11-01-78: Acidized(2970-76')w/500 gals 7 1/2% MSR. Avg Rate 5 BPM @ 1500 psi. ISIP = Vac.
- 11-02-78: Set CIBP @ 2950'. Perf'd(2769-79'; 2800-03'). Acidized w/500 gal 7 1/2% MSR. Broke down @ 1000 psi @ 2 1/2 BPM breaking to 4 BPM/1000 psi. ISIP = 500 psi.
- 11-04-78: Perf'd(2806-14'; 2818-25')w/2 jsp. Acidized w/3000 gal 7 1/2% MSR. Avg Rate 4 BPM @ 1500 psi. ISIP = 900 psi.
- 11-07-78: Perf'd(2676-2697'; 2702-08')w/2 jsp.
- 11-08-78: Acidized w/1000 gals 7 1/2% MSR. Begin @ 2 BPM, 700 psi. End @ 6 BPM, 1900 psi. ISIP = 500 psi.
- 11-11-78: Acidized(2676-2708')w/1000 gal 7 1/2% MSR. Rate 3/4 BPM @ 1450 psi. ISIP = 900 psi.
- 3-28-95: Perf'd Morrison(2890-2914')w/4 spf. Treated w/1000 gal 7 1/2% HCL. ATP 510 psi, ATR 5 BPM. ISIP/5 min = 125/0 psi. Unsuccessful test.
- 3-31-95: Left well T & A

TUBING STRING INFORMATION:

- 3-30-95: RIH w/notched collar, 8 jts. Tbg, 4.5" AD-1 Tension Pkr, SN, 84 jts Tbg. EOT @ 2895', Pkr @ 2646', SN @ 2645'.

TUBULAR GOODS PERFORMANCE

Material	Tensile* (1000lbs)	Burst* (psi)	Collapse* (psi)	Drift (in)	ID (in)
13.75" 48# H-40* ST&C*	322	1,730	770	12.559	12.715
8.625" 24# J-55* ST&C	244	2,950	1,370	7.972	8.097
4.5" 10.5# K-55 ST&C	146	4,790	4,010	3.927	4.052
2.375" 4.7# J-55* EUE*	72	7,700	8,100	1.901	1.995

* Safety Factor Not Included

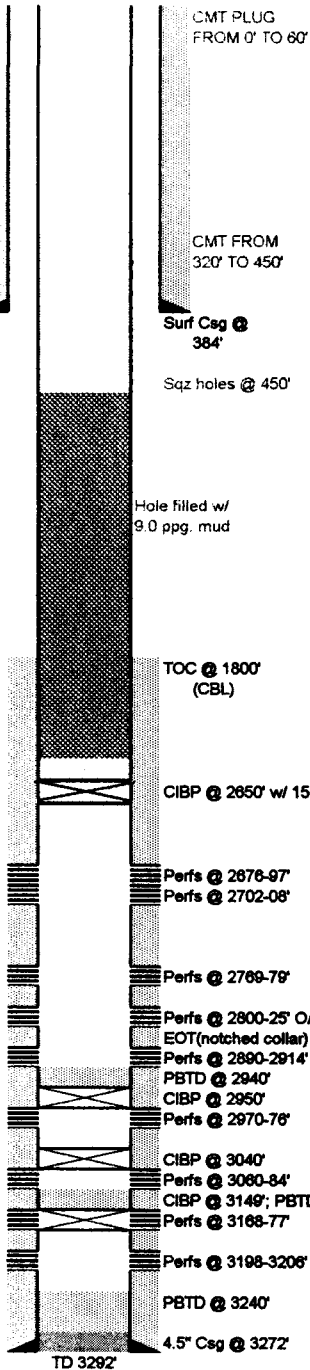
PREPARED BY: Jeff Rhein

OFFICE: (918) 583-1791

CISPRD2A.XLS

DATE: 1-17-95
Updated: 4-6-95

HOME:



WELL NAME:		Cisco - Federal #2 - A		FIELD:		Cisco Dome		PROSPECT:				
LOCATION:		Sec. 10 T20S - R21E		COUNTY:		Grand		STATE:				
		SE SW NE (2100' FNL, 1890' FEL)		SPUD DATE:		9-16-78		FORMATION:				
TD:		3292'		PBTD:		2940'		ZERO DATUM:				
				ELEVATION:		5484' GL		11' FT. ABOVE GL				
PIPE RECORD								CEMENT & HOLE DATA				
Csg	OD	GRADE	THD	WT/FT	TOP	BTM	# JTS	BIT SIZE	DEPTH	SK	WT.	Top Cmt
Cond.	13.750	H-40"	ST&C*	48.0#	Surf.	27'		14.750		5		Surf.
Surf.	8.625	J-55"	ST&C	24.0#	Surf.	384'	13	11.000		225		Surf.
Prod.	4.500	K-55	ST&C	10.5#	Surf.	3272'	113	7.875		330		1800'
Tbg.	2.375	J-55"	EUE*	4.7#	Surf.	2895'	92					(CBL)
13.375" Csg Assumed H-40 ST&C 8.625" Csg Assumed J-55 2.375" Tbg Assumed 4.7# J-55 EUE								CAPACITIES (BSL/FT) T/BSL (CF/FT)				
REMARKS:								TBG:		.0039	258.4	.0217
								CSG:		.0159	62.70	.0900
10-21-78: Spotted 6 BBLs acetic acid across perf int.Perf'd(3198-3206') 2-3 1/8" DML jsfp. Set pkr @ 3150' and pumped acid into perfs 3/4 BPM, 1750 psi. ISIP = 1800 psi.								LINER:				
10-22-78: Acidized(3198-3206')w/1000 gal 7 1/2% MSR. 2000 - 1800 ps 1 BPM. ISIP = 1800 psi.								ANNUAL VO(BSL/FT) T/BSL (CF/FT)				
10-24-78: Perf'd(3168-77')w/1 11/16 DML gun, 2 jsfp.								TBGXCSG:		.0105	95.51	.0587
10-25-78: Acidized(3168-77'; 3198-3206')w/3000 gals 7 1/2% MSR acid, scf N2/bbl. Avg Rate 3 3/4 BPM @ 3300 psi. ISIP = 2200 psi.								TBGXLNR:				
10-26-78: Set CIBP @ 3149'. PBTD @ 3123'. Perf'd(3080-84')w/2-3 1/8" jets/ft.								CSGXHOLE:		.0406	24.65	.2278
								LNRXHOLE:				
								PERFORATION RECORD				
								DATE	TOP	BTM	ZONE	STATUS
SRC WTK: FERC CLASS: ZONE/PENALTY: SRC OFF&ET/ZONE: FORCE POOL: COMPETITIVE: BHT: EST WHSP: LOGS: Gamma-Ray Neutron, Cement Bond w/Wave Train Display, Drill Compensated Neutron Formation Density								10-21-78	3198'	3206'	Salt Wash	Closed
								10-24-78	3168'	3177'	Salt Wash	Closed
								10-26-78	3060'	3084'	Salt Wash	Closed
								10-31-78	2970'	2976'	Salt Wash	Closed
								11-02-78	2769'	2779'	Morr.	
								11-02-78	2800'	2803'	Morr.	
								11-04-78	2806'	2814'	Morr.	
								11-04-78	2818'	2825'	Morr.	
								11-07-78	2676'	2697'	Dakota	
								11-07-78	2702'	2708'	Dakota	
								3-28-95	2890'	2914'	Morr.	
LANDMAN:								GEOLOGIST:				

STATUS: T & A

OBJECTIVE: Evaluate for Recompletion Potential

ADDITIONAL REMARKS:

- 10-28-78: Acidized(3060-84')w/500 gal 7 1/2% MSR acid. Rate 1000-850 psi, 2 BPM. ISIP = 700 psi.
- 10-31-78: Set CIBP @ 3040'. Perf'd(2970-76')w/2-3 1/8" DML jsfp.
- 11-01-78: Acidized(2970-76')w/500 gals 7 1/2% MSR. Avg Rate 5 BPM @ 1500 ISIP = Vac.
- 11-02-78: Set CIBP @ 2950'. Perf'd(2769-79'; 2800-03'). Acidized w/500 gal 7 1 MSR. Broke down @ 1000 psi @ 2 1/2 BPM breaking to 4 BPM/1000 ISIP = 500 psi.
- 11-04-78: Perf'd(2806-14'; 2818-25')w/2 jsfp. Acidized w/3000 gal 7 1/2% MSR Avg Rate 4 BPM @ 1500 psi. ISIP = 900 psi.
- 11-07-78: Perf'd(2876-2897'; 2702-08')w/2 jsfp.
- 11-08-78: Acidized w/1000 gals 7 1/2% MSR. Begin @ 2 BPM, 700 psi. End @ 1900 psi. ISIP = 500 psi.
- 11-11-78: Acidized(2876-2708')w/1000 gal 7 1/2% MSR. Rate 3/4 BPM @ 1450 ISIP = 900 psi.
- 3-28-95: Perf'd Morrison(2890-2914')w/4 spf. Treated w/1000 gal 7 1/2% HCL ATP 510 psi, ATR 5 BPM. ISIP/5 min = 1250 psi. Unsuccessful test.
- 3-31-95: Left well T & A

TUBING STRING INFORMATION:

- 3-30-95: RIH w/notched collar, 8 jts.Tbg, 4.5" AD-1 Tension Pkr, SN, 84 jts Tbg EOT @ 2895', Pkr @ 2646', SN @ 2645'.

TUBULAR GOODS PERFORMANCE

Material	Tensile* (1000lbs)	Burst* (psi)	Collapse* (psi)	Drift (in)	ID (in)
13.75" 48# H-40" ST&C*	322	1,730	770	12.559	12.715
8.625" 24# J-55" ST&C	244	2,950	1,370	7.972	8.097
4.5" 10.5# K-55 ST&C	146	4,790	4,010	3.927	4.052
2.375" 4.7# J-55" EUE*	72	7,700	8,100	1.901	1.995

* Safety Factor Not included

PREPARED BY: Jeff Rhein

OFFICE: (918) 583-1791

DATE: 1-17-95
Updated: 4-6-95

HOME:

Form 3180-5
(June 1990)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil ☐ Gas ☐
☐ Well ☒ Well ☐ Other

2. Name of Operator

SAMSON RESOURCES COMPANY

3. Address and Telephone No.

TWO WEST SECOND STREET TULSA, OK 74103 (918) 583-1791

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2100' FNL and 1890 FEL SW/4 NE/4 Section 10-20S-21E

5. Lease Deal

UTU-38369

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Cisco Federal #2-A

9. API Well No.

43-019-30471

10. Field and Pool, or Exploratory Area

Cisco Dome-Dakota, Morrison

11. County or Parish, State

Grand, UT

12

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice

TYPE OF ACTION

☒ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see attached plugging procedure and wellbore diagrams.
Anticipated starting date is July 1, 1996.
The well is currently inactive.RECEIVED
BUREAU OF LAND MANAGEMENT

56 MAY 14 PM 2:20

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTPer Regina Fouse of
Samson Resources
PA date: 12.13.95

14. I hereby certify that the foregoing is true and correct

Signed

Title

District Engineer

Date

5/13/96

(This space for Federal or State office use)

Approved by

Title

Assistant District Manager
Resource Management

Date

5/20/96

Conditions of approval, if any:

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Samson Resources Company
Well No. Cisco Federal 2-A
NWNE Sec. 10, T. 20 S., R. 21 E.
Grand County, Utah
Lease UTU38359

CONDITIONS OF APPROVAL

1. Notify Jack Johnson of the Bureau of Land Management at (801) 259-2129 at least 24 hours prior to commencing plugging operations.
2. Within 30 days of completing operations, submit a subsequent report of abandonment on a sundry notice (Form 3160-5).

Cisco Federal 2-A
Sec. 10-T20S-R21E, Grand County, Utah
P&A Procedure
April 18, 1996

Note: All cement to be used is Class B, 5.2 gal water/sk, 15.6 ppg, yield 1.18 cu ft/sk. All mud used will be 9.0 ppg fresh water mud.

Note: Notify representatives of BLM and State of Utah at least 48 hours before beginning P&A operations.

1. MIRU workover rig. ND wellhead, NU and test 3000 psi BOP. Release AD-1 tension packer and POOH with 2-3/8" tubing. RIH with 4-1/2" CIBP on tubing and set at 2,650'. Spot 15 sx Class B cement on top of plug.
2. Circulate hole full of 9.0 ppg fresh water mud. Pressure test casing to 500 psi for 30 minutes. If pressure test is successful, POH laying down all but 320' of the tubing.
3. MIRU EL w/ packoff. RIH w/ a 3" HSC gun and perf 4 squeeze holes (90 degree phased) at 450' (+/- 65' below surf csg shoe). POH and RD EL.
4. RIH with tubing to 320'. Close pipe rams and establish circulation down tubing taking returns via the 8-5/8" x 4-1/2" annulus at surface w/ 9 PPG mud. Mix and pump 40 sx class B cmt (1.18 cu ft/sk yield, 15.6 ppg, 5.2 gal water/sx) down the tubing followed by 1.2 bbls mud to set plug 65' above and below the surface casing shoe at 384'. Open pipe rams and POH laying down tubing to 50' from surface. WOC and test plug to 500 psi for 30 minutes.
5. Bullhead 15 sx cement down 4-1/2" x 8-5/8" annulus to set 60' plug at surface. Spot 10 sx cement plug inside 4-1/2" casing from 60' to ground level. Verify cement plug in casing annulus by visual inspection of cement at surface or by pressure testing annulus to 200 psi.
6. Cut off casings at ground level. Install plugging marker inscribed with well name and location (consult with state and BLM representatives on size of plugging marker). Remove equipment and clean up location. Restore location according to BLM instructions.

WELL NAME: Cisco - Federal #2 - A		FIELD: Cisco Dome		PROSPECT:	
LOCATION: Sec. 10 T20S - R21E		COUNTY: Grand		STATE: Utah	
SE SW NE (2100' FNL, 1890' FEL)		SPUD DATE: 9-18-78		FORMATION: Morrison	
TD: 3292'	PSTD: 2940'	ELEVATION: 5484' GL	ZERO DATUM: 11'	FT. ABOVE GL	

CEMENT & HOLE DATA												
CSG	OD	GRADE	TND	WT/LF	TOP	BTM	# JTS	BIT SIZE	DBPTH	SK	WT.	Top Cmt
Cond.	13.750	H-40*	ST&C*	48.0#	Surf.	27'		14.750		5		Surf.
Surf.	8.625	J-55*	ST&C	24.0#	Surf.	384'	13	11.000		225		Surf.
Prod.	4.500	K-55	ST&C	10.5#	Surf.	3272'	113	7.875		330		1800' (CBL)
Tbg.	2.375	J-55*	EUE*	4.7#	Surf.	2895'	92					
13.375" Csg Assumed H-40 ST&C										CAPACITIES (BBL/FT) (FT/BBL) (CF/FT)		
8.625" Csg Assumed J-55										TBO: .0039 258.4 .0217		
2.375" Tbg Assumed 4.7# J-55 EUE										CSG: .0159 62.70 .0900		
REMARKS:										LINER:		
10-21-78: Spotted 6 BBLs acetic acid across perf int. Perf'd (3198-3206') w/ 2-3 1/8" DML ispf. Set pkr @ 3150' and pumped acid into perfs @ 3/4 BPM. 1750 psi. ISIP = 1800 psi.										ANNULAR VOL. (BBL/FT) (FT/BBL) (CF/FT)		
10-22-78: Acidized (3198-3206') w/1000 gal 7 1/2% MSR. 2000 - 1800 psi @ 1 BPM. ISIP = 1800 psi.										TBOxCSG: .0106 95.51 .0587		
10-24-78: Perf'd (3168-77') w/1 11/16 DML gun, 2 ispf.										TBOxLNR: .0406 24.65 .2278		
10-25-78: Acidized (3168-77'; 3198-3206') w/3000 gals 7 1/2% MSR acid. 750 scf N2/bbl. Avg Rate 3 3/4 BPM @ 3300 psi. ISIP = 2200 psi.										CSGxHOLE: .0406 24.65 .2278		
10-26-78: Set CIBP @ 3149'. PSTD @ 3123'. Perf'd (3060-84') w/2-3 1/8" DML jets/ft.										LNRxHOLE:		
SRC WY%:										PERC CLASS:		
ZONE/PENALTY:										COMPETITIVE:		
SRC OFFSET/ZONE:										EST WHSIP:		
FORCE POOL:										STATUS		
BHT:										DATE		
LOGS: Gamma-Ray Neutron. Cement Bond w/Wave Train Display, Driller's'										TOP		
Compensated Neutron Formation Density.										BTM		
LANDMAN:										ZONE		
GEOLOGIST:										STATUS		

STATUS: T & A

OBJECTIVE: Evaluate for Recompletion Potential

ADDITIONAL REMARKS:

- 10-28-78: Acidized (3060-84') w/500 gal 7 1/2% MSR acid. Rate 1000-850 psi. 2.5 BPM. ISIP = 700 psi.
- 10-31-78: Set CIBP @ 3040'. Perf'd (2970-76') w/2-3 1/8" DML ispf.
- 11-01-78: Acidized (2970-76') w/800 gals 7 1/2% MSR. Avg Rate 5 BPM @ 1500 psi. ISIP = Vac.
- 11-02-78: Set CIBP @ 2850'. Perf'd (2769-79'; 2800-03'). Acidized w/500 gal 7 1/2% MSR. Broke down @ 1000 psi @ 2 1/2 BPM breaking to 4 BPM/1000 psi. ISIP = 500 psi.
- 11-04-78: Perf'd (2806-14'; 2818-25') w/2 ispf. Acidized w/3000 gal 7 1/2% MSR. Avg Rate 4 BPM @ 1500 psi. ISIP = 800 psi.
- 11-07-78: Perf'd (2876-2697'; 2702-08') w/2 ispf.
- 11-08-78: Acidized w/1000 gals 7 1/2% MSR. Begin @ 2 BPM. 700 psi. End @ 5 BPM. 1900 psi. ISIP = 500 psi.
- 11-11-78: Acidized (2676-2708') w/1000 gal 7 1/2% MSR. Rate 3/4 BPM @ 1450 psi. ISIP = 800 psi.
- 3-28-95: Perf'd Morrison (2890-2914') w/4 spf. Treated w/1000 gal 7 1/2% HCL. ATP 510 psi. ATR 5 BPM. ISIP/5 min = 128/0 psi. Unsuccessful test.
- 3-31-95: Left well T & A

TUBING STRING INFORMATION:

- 3-30-95: RIH w/notched collar, 8 jts. Tbg. 4.5" AD-1 Tension Pkr. SN, 84 jts TBS. EOT @ 2895', Pkr @ 2646'. SN @ 2645'.

TUBULAR GOODS PERFORMANCE

Material	Tensile* (1000lbs)	Burst* (psi)	Collapse* (psi)	Drift (in)	ID (in)
13.75" 48# H-40* ST&C*	322	1,730	770	12.559	12.715
8.625" 24# J-55* ST&C	244	2,950	1,370	7.872	8.097
4.5" 10.5# K-55 ST&C	146	4,780	4,010	3.927	4.052
2.375" 4.7# J-55* EUE*	72	7,700	8,100	1.901	1.995

* Safety Factor Not Included

PREPARED BY: Jeff Rhein

DATE: 1-17-95
Updated: 4-6-95

OFFICE: (918) 583-1781

HOME:

CISFED 9A-XLH

Post-It Fax Note 7672

To **Kristen Risbeck**

Company

Location

Fax # **801-359-3940**

Comments

Telephone #

No. of Pages **5**To Date **9/15/97** TimeFrom **Regina Fouse**Company **Samson**

Location

Dept. Charge

Fax # **918-591-1726**Telephone # **918-591-1958**Original
Disposition:☐ Destroy☐ Return☐ Call for pickup

Attach Document All In

NO. 100-200

CMT PLUG
FROM 0' TO 30'CMT FROM
300' TO 450'Surf Csg @
304'
Surf holes @ 450'Hole filled w/
90 ppg. mudTOC @ 1800'
(CBL)

CIBP @ 2880' w/ 15 sec

Perfs @ 2876-87'
Perfs @ 2702-08'

Perfs @ 2708-78'

Perfs @ 2800-27' OA
EOT (notched collar) @ 2885'

Perfs @ 2880-2914'

PSTD @ 2840'

CIBP @ 2860'

Perfs @ 2870-78'

CIBP @ 3040'

Perfs @ 3030-84'

CIBP @ 3148' PSTD 3125'

Perfs @ 3168-77'

Perfs @ 3198-3205'

PSTD @ 3240'

4.5" Csg @ 3272'

TD 3292'

WELL NAME: Cisco - Federal #2 - A		FIELD: Cisco Dome		PROSPECT: Utah									
LOCATION: Sec. 10 T208 - R21E		COUNTY: Grand		STATE: Utah									
SE SW NE (2100' FNL, 1800' FEL)		SPUD DATE: 9-15-78		FORMATION: Morrison									
TD: 3292'	PSTD: 2840'	ELEVATION: 5464' GL		ZERO DATUM: 11' FT. ABOVE GL									
PIPE RECORD													
CSS	OD	GRADE	TND	WT/FT	TOP	STM	S.JTS	WT	SIZE	DEPTH	IX	WT	Top Cn
Conc.	13.750	H-40*	ST&C*	48.08	Surf.	27'		14.750			5		Surf.
Surf.	8.825	J-55*	ST&C	24.08	Surf.	364'	13	11.000			225		Surf.
Prod.	4.500	K-55	ST&C	10.58	Surf.	3272'	113	7.875			330		1800'
Tbg.	2.375	J-55*	EUE*	4.78	Surf.	2895'	92						(CBL)
13.375" Csg Assumed H-40 ST&C													
8.825" Csg Assumed J-55													
2.375" Tbg Assumed 4.78 J-55 EUE													
CAPACITIES (BBL/FT) TV(BBL) IOP(FT)													
Tbg:						.0038 258.4 .0217							
CSG:						.0158 82.70 .0800							
LINER:													
ANNULAR VOLUME (FT) TBBL (G/FT)													
TBG/CSG:						.0105 .95.51 .0587							
TBG/LINER:													
CSG/HOLE:						.0406 24.85 .2276							
LINER/HOLE													
PERFORATION RECORD													
DATE		TOP		STM		ZONE		STATUS					
10-21-78		3198'		3208'		Salt Wash		Closed					
10-24-78		3185'		3177'		Salt Wash		Closed					
10-25-78		3000'		3084'		Salt Wash		Closed					
10-31-78		2870'		2976'		Salt Wash		Closed					
11-02-78		2769'		2779'		Morr.							
11-02-78		2800'		2809'		Morr.							
11-04-78		2806'		2814'		Morr.							
11-04-78		2816'		2825'		Morr.							
11-07-78		2676'		2687'		Dakota							
11-07-78		2702'		2708'		Dakota							
3-26-93		2890'		2916'		Morr.							
LANDMARK:						GEOLOGIST:							

STATUS: T & A

OBJECTIVE: Evaluate for Recompletion Potential

ADDITIONAL REMARKS:

- 10-28-78: Acidized (3080-84) w/500 gal 7 1/2% MSR acid. Rate 1000-850 psi, 2 BPM, ISIP = 700 psi.
- 10-31-78: Set CIBP @ 3040'. Perfd (2870-78) w/2-3 1/8" DML jsp.
- 11-01-78: Acidized (2870-78) w/500 gals 7 1/2% MSR. Avg Rate 5 BPM @ 1500 psi. ISIP = Vac.
- 11-02-78: Set CIBP @ 2950'. Perfd (2768-79; 2800-03). Acidized w/500 gal 7 1/2% MSR. Broke down @ 1000 psi @ 2 1/2 BPM breaking to 4 BPM/1000 psi. ISIP = 500 psi.
- 11-04-78: Perfd (2808-14; 2815-25) w/2 jsp. Acidized w/3000 gal 7 1/2% MSR. Avg Rate 4 BPM @ 1500 psi, ISIP = 900 psi.
- 11-07-78: Perfd (2876-2887; 2702-08) w/2 jsp.
- 11-08-78: Acidized w/1000 gals 7 1/2% MSR. Begin @ 2 BPM, 700 psi. End @ 1900 psi. ISIP = 500 psi.
- 11-11-78: Acidized (2876-2708) w/1000 gal 7 1/2% MSR. Rate 3/4 BPM @ 1480 psi. ISIP = 900 psi.
- 3-28-95: Perfd Morrison (2880-2914) w/4 sp. Treated w/1000 gal 7 1/2% HCL. ATP 510 psi, ATR 5 BPM. ISIP min = 1250 psi. Unsuccessful test.
- 3-31-95: Left well T & A.

TUBING STRING INFORMATION:

- 3-30-95: RTH wholched collar, 6 jts. Tbg, 4.5" AD-1 Tension Pkr, SN, 84 jts. Tbg, EOT @ 2885', Pkr @ 2848', SN @ 2845'.

TUBULAR GOODS PERFORMANCE

Material	Tensile* (1000lbs)	Burst* (psi)	Collapse* (psi)	Drift (in)	ID (in)
13.75" 48# H-40* ST&C*	322	1,730	770	12.559	12.715
8.825" 24# J-55* ST&C	244	2,060	1,370	7.972	8.097
4.5" 10.5# K-55 ST&C	148	4,790	4,010	3.927	4.052
2.375" 4.7# J-55* EUE*	72	7,700	8,100	1.901	1.995

* Safety Factor Not Included

PREPARED BY: Jeff Rhein

OFFICE: (918) 553-1791

DATE: 1-17-95
Updated: 4-6-95

HOME:

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ Well File Cisco Fed 2-A

☐ Suspense

☐ Other

(Return Date) _____

(To - Initials) _____

(Location) Sec 10 Twp 20S Rng 21E

(API No.) 43-019-30471

1. Date of Phone Call: 6/26/96 Time: 3:00 PM

2. DOGM Employee (name) Frank Matthews (Initiated Call ☐)
Talked to:

Name Bob Snyder (Initiated Call ☐) - Phone No. () _____

of (Company/Organization) Samson Resources

3. Topic of Conversation: P + A of referenced well.

4. Highlights of Conversation: Told him to send us a copy of papers he furnishes the Fed when he gets it straightened.

```

06/26/96                D E T A I L   W E L L   D A T A                menu: opt 00
api num:  4301930471    prod zone: DKTA        sec    twnshp    range    qr-qr
entity:    2295         :                        10      20.0 S    21.0 E    SWNE
well name: CISCO FEDERAL 2-A
operator:  N8020 : SAMSON RESOURCES COMPANY        meridian: S
field:     205   : GREATER CISCO
confidential flag: confidential expires:          alt addr flag:
               * * * application to drill, deepen, or plug back * * *
lease number: U-38359          lease type: 1      well type:      GW
surface loc:  2100 FNL 1890 FEL    unit name:
prod zone loc: 2100 FNL 1890 FEL    depth:      3500    proposed zone:
elevation:    5484' GR             apd date:    781004    auth code:
* * completion information * *      date recd:
spud date:    780806              compl date:    total depth: 3292'
producing intervals: 2676-2825'
bottom hole:  2100 FNL 1890 FEL    first prod: 781128    well status:  SGW
24hr oil:     24hr gas: 375        24hr water:
               * * well comments:      directionl:    api gravity:
900301 1988 CUM ADJ:900329 WELL NM FR CISCO FED #2:920506 OPER FR N0370/DYCO
PETRO EFF 3/30/92:950203 APPRV INT ADD ADDL MRSN PERFS:950530 SHOT MRSN PERFS
@ 2890-2914' WORK UNSUCCESSFUL @ RESTORING PROD:960517 APPRV INT PA:
opt: 21 api: 4301930471 zone:      date(yymm):    enty      acct:

```